

# Device Connector

Vendor Neutral, Long Range Wireless Bridge.

**PEPWAVE**  
Broadband Possibilities



More than a repeater, the Device Connector is a complete wireless network extension solution with advanced TruePower technology that keeps signals clean, clear, and strong from start to finish. And it's compatible with any access point and available in three rugged enclosure styles, so you can just drop it in and go – no network reconfiguration or device upgrades needed.

## The Coverage You Need. Made Plug-and-Play Easy.

Easily extend Wi-Fi coverage in minutes with Pepwave's Device Connector. The Device Connector gets your devices talking over a large area without wires or configuration headaches. And because it works transparently at Layer 2, the Device Connector is compatible with any access point, so there's no need to upgrade your gear to get industry-leading Wi-Fi range and performance.

## Reliability in Extreme Environments.

The Device Connector is designed and manufactured with the strictest standards. It is rated to operate in almost any environment imaginable. It is just as comfortable working in desert, marine, and arctic environments as it is in the office, making it the ultimate go-anywhere drop-in solution.

## CarFi Fast Roaming. WAN Reliability with Wi-Fi Mobility (Add-on Feature. Available Soon.).

CarFi Fast Roaming, available as an optional software upgrade, lets your Device Connector hop from AP to AP in a matter of seconds. Seamlessly. Without dropouts or downtime. Whether you're commanding an emergency situation, coordinating a construction project, or keeping the shelves stocked in a supermarket or warehouse, CarFi Fast Roaming keeps everyone communicating at all times.

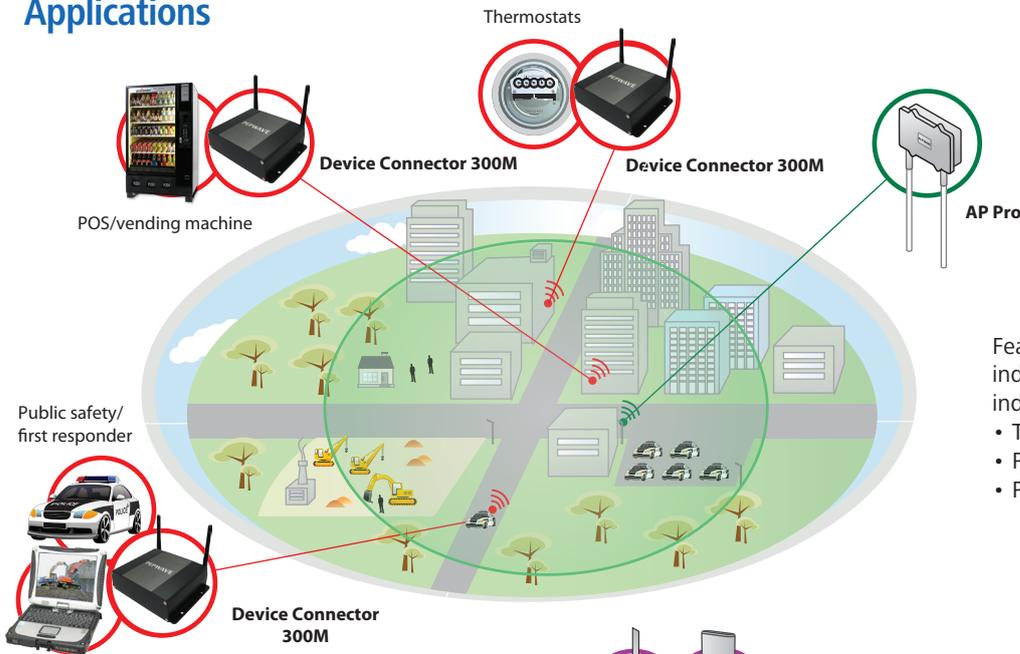
## TruePower Device Bridging. Strong Signals End-to-End.

The Peplink Device Connector features our TruePower RF technology, which delivers maximum transmission power across all links at even the highest data rates. With TruePower, you get reliable, fast connections at distances that put other radios out of reach.

## Three Durable Enclosures. A Device Connector for Every Job.

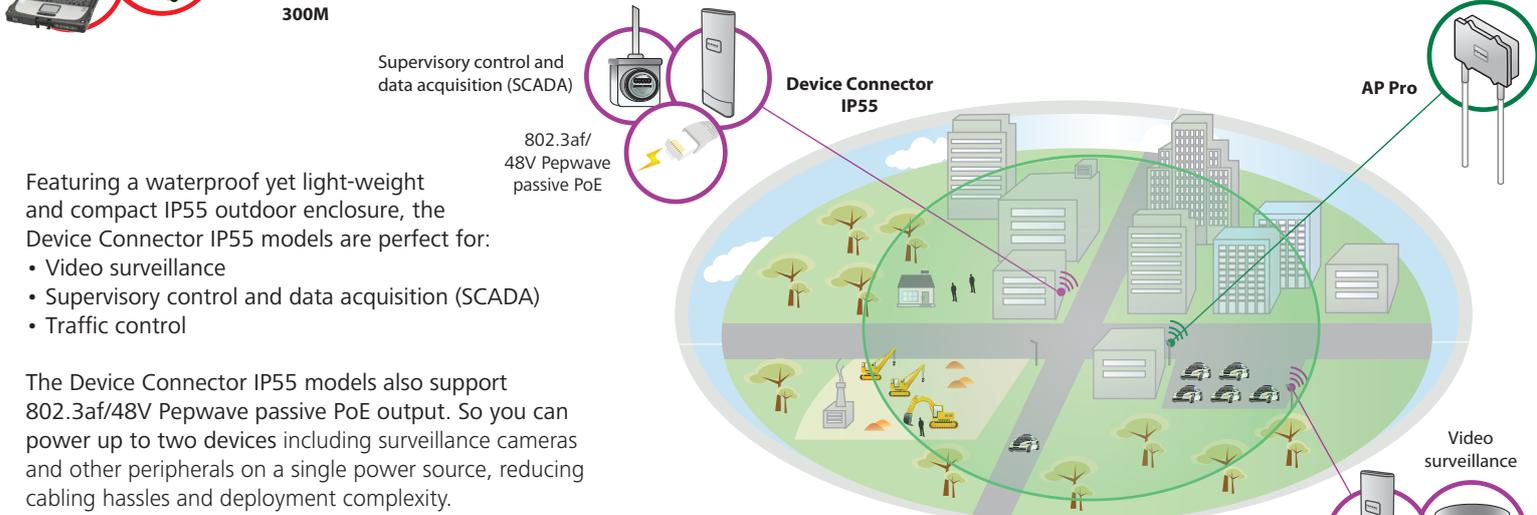
Whether you work indoors or outdoors, in a clean, quiet office or on a dirty, noisy construction site, there's a Device Connector model built just for you. For indoor applications, there's our rugged metallic enclosure. For medium-duty outdoor installations, such as a factory floor, there's our IP55 high-impact plastic enclosure. And for those jobs that make other equipment run and hide, there's our aircraft-grade aluminum IP67 housing, tough as nails and ready to handle just about anything you or Nature can throw at it.

# Applications



Featuring a compact yet rugged metallic indoor enclosure, the Device Connector indoor models are perfect for:

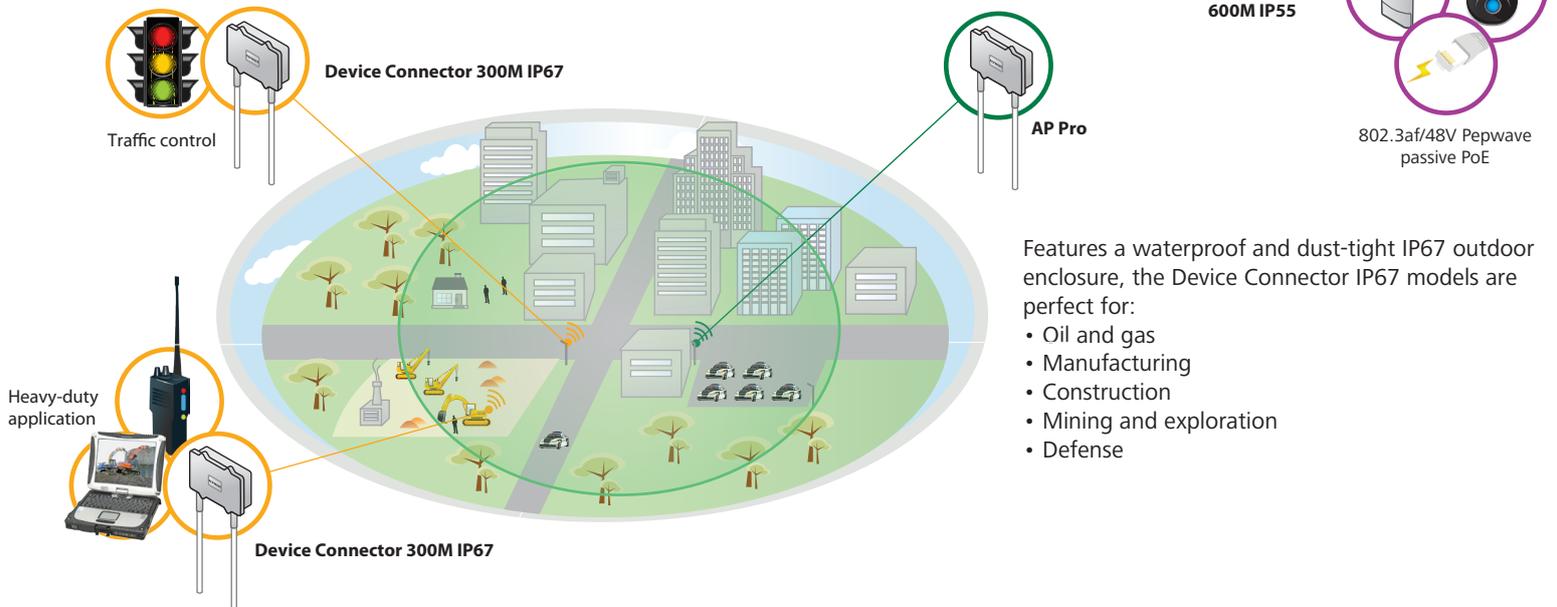
- Thermostats/
- POS/vending machine
- Public safety/first responder



Featuring a waterproof yet light-weight and compact IP55 outdoor enclosure, the Device Connector IP55 models are perfect for:

- Video surveillance
- Supervisory control and data acquisition (SCADA)
- Traffic control

The Device Connector IP55 models also support 802.3af/48V Pepwave passive PoE output. So you can power up to two devices including surveillance cameras and other peripherals on a single power source, reducing cabling hassles and deployment complexity.



Features a waterproof and dust-tight IP67 outdoor enclosure, the Device Connector IP67 models are perfect for:

- Oil and gas
- Manufacturing
- Construction
- Mining and exploration
- Defense

## Features

**Network**  
 Bridge Mode  
 Router (NAT) Mode  
 Wireless Distribution System (WDS)  
 Support for PPP, Static IP, DHCP  
 Management VLAN (802.1p)  
 Spanning Tree Protocol (802.1d)

**Radio**  
 Multiple SSID  
 Transmit Power Adjustment

**AP Security**  
 Open, WEP  
 802.1x with Dynamic WEP  
 WPA-PSK/RADIUS  
 WPA2-PSK/RADIUS

**Client Authentication**  
 EAP-TTLS/EAP-PEAP/EAP-TLS  
 CHAP/MSCHAP/MSCHAPV2/PAP  
 EAP Outer Authentication Identity  
 RADIUS Server with Certificate Authentication

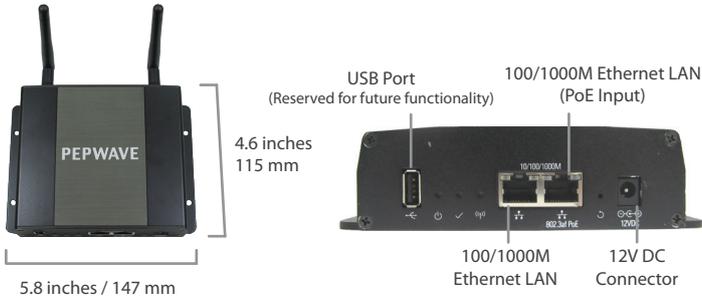
**Complete VPN Solution**  
 PepVPN  
 Site-to-Site VPN  
 256-bit AES Encryption  
 Pre-shared Key Authentication  
 Dynamic Routing

**Device Management**  
 Web Administrative Interface  
 InControl Cloud Management  
 FusionHub Controller  
 SNMP v1, v2c and v3

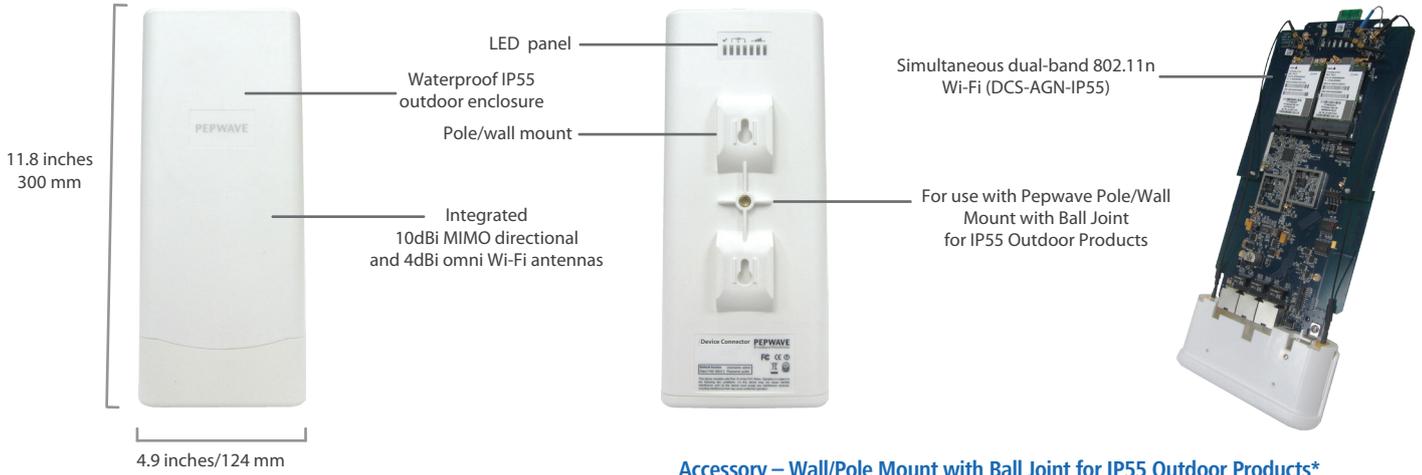
**Certification**  
 FCC, CE, RoHS

# Hardware Specifications

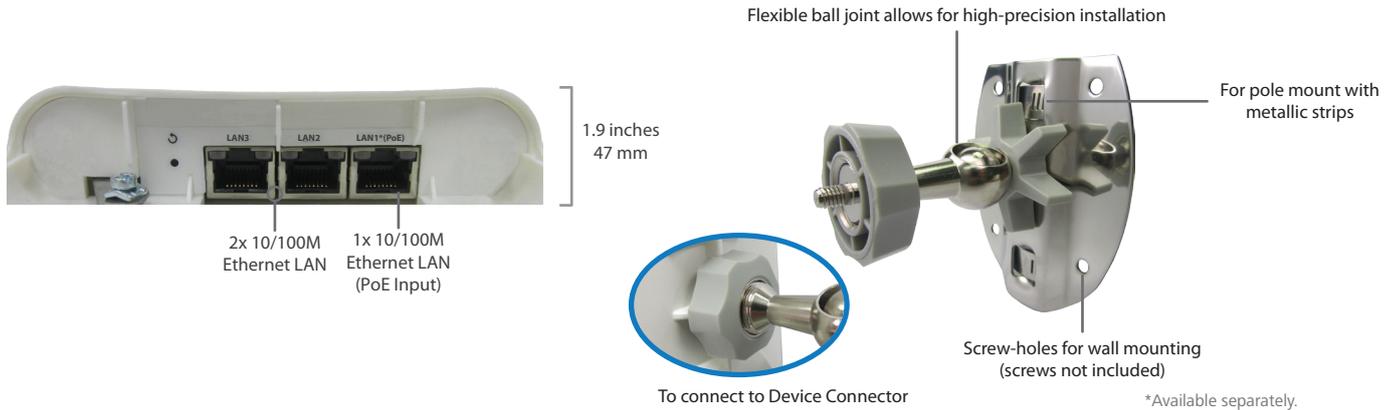
## Device Connector 300M



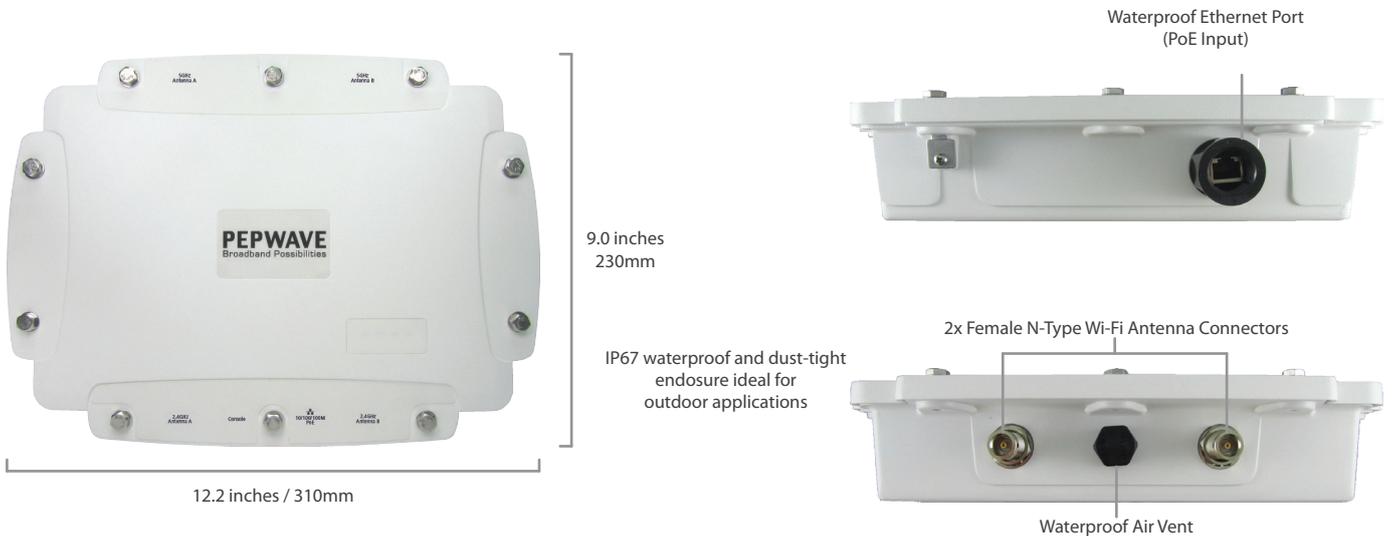
## Device Connector IP55/ Device Connector 600M IP55



## Accessory – Wall/Pole Mount with Ball Joint for IP55 Outdoor Products\*



IP67



# Specifications

	Device Connector 300M	Device Connector IP55	Device Connector 300M IP67
Product Code	DCS-AGN	DCS-GN-IP55	DCS-AGN-IP67
Wi-Fi Interface			
Data Rate	300Mbps	300Mbps	300Mbps
802.11b/g/n Wi-Fi	●*	●	●*
802.11a/n Wi-Fi	●*	○	●*
Transmit Power	2412 - 2472 MHz: 17dBm 5180 - 5825 MHz: 17dBm	2412 - 2472 MHz: 26dBm (FCC)/20dBm (CE)	2412 - 2472 MHz: 26dBm (FCC)/20dBm (CE) 5180 - 5825 MHz: 25dBm (FCC)/20dBm (CE)
Built-in Wi-Fi Antenna	○	● <sup>^</sup>	○
Ethernet Interface			
Ethernet Port	2	3	1 (GbE)
Hardware Features			
Enclosure	Indoor Metal	IP55 Outdoor Enclosure	IP67 Outdoor Metal Enclosure
Dimension	5.8 x 5.0 x 1.6 inches 147 x 128 x 40 mm	11.8 x 4.9 inches 300 x 124 mm	9.0 x 12.2 x 2.6 inches 230 x 310 x 66 mm
Weight	0.93 pound 420 grams	1.15 pounds 520 grams	5.84 pounds 2.65 kg
Power Input	12V DC Connector	Pepwave Passive PoE: 12V – 48V DC (48V Pepwave Passive PoE Input is Needed for 802.3af or Pepwave Passive PoE Output)	802.3af PoE
Power Consumption	12W (max.)	15W (max.)	13W (max.)
Operating Temperature	-4° – 149°F -20° – 65°C	-4° – 149°F -20° – 65°C	-40 – 149°F -40 – 65°C
Humidity	15% – 95% (non-condensing)		
Certifications	FCC, CE, RoHS		
Warranty	1-Year Limited Warranty		

\* Device Connector 300M and Device Connector 300M IP67 support only one of 802.11b/g/n and 802.11a/n Wi-Fi at a time. ^ Device Connector IP55 features built-in switchable, integrated 10dBi MIMO directional (75° horizontal x 35° vertical beamwidths) and 4dBi MIMO omni antennas.

## Product Ordering Information

### Device Connector – Indoor Rugged

Product Code	Product Name	Description
DCS-AGN	Device Connector 300M	802.11b/g/n or a/n 300Mbps layer 2 client bridge in metallic indoor enclosure. Manageable by InControl cloud management.

### Device Connector – Outdoor IP55 Compact

Product Code	Product Name	Description
DCS-GN-IP55	Device Connector IP55	802.11b/g/n 300Mbps layer 2 client bridge in waterproof IP55 outdoor enclosure. Manageable by InControl cloud management.

### PoE Kit for IP55 Models

IP55

Product Code	Compatible With	Description
ACW-109	DCS-GN-IP55	Include 48V Pepwave Passive PoE Injector and PoE license. Enable 802.3af/48V Pepwave passive PoE output.

### Mounting Accessory for IP55 Models

Product Code	Compatible With	Description
ACW-510	DCS-GN-IP55	Wall/pole mount with flexible ball joint for high-precision installation.

### Device Connector – Outdoor IP67 Heavy Duty

Product Code	Product Name	Description
DCS-AGN-IP67	Device Connector 300M IP67	802.11b/g/n or a/n 300Mbps layer 2 client bridge in metallic waterproof and dust-tight IP67 outdoor enclosure. Manageable by InControl cloud management.

### Antenna Kit for IP67 Models

IP67

Product Code	Compatible With	Description
ACW-823	DCS-AGN-IP67	Package includes 2x 2.4GHz 8dBi fiberglass outdoor omni antennas.
ACW-824	DCS-AGN-IP67	Package includes 2x 5GHz 8dBi fiberglass outdoor omni antennas.

### PoE Injector for IP67 Models

Product Code	Product Name	Description
ACW-107	DCS-AGN-IP67	Includes 1x 802.3af/at PoE injector.

[www.pepwave.com](http://www.pepwave.com)

**PEPWAVE**  
Broadband Possibilities

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